2002. Applicants have enclosed herewith a copy of the marked-up version of the amended specification as required by 37 C.F.R. 1.121. The Examiner's reconsideration is respectfully requested in view of the above amendment and the following remarks.

Claims 5, 9, 10, 11, and 16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Specifically, the Office Action states that claims 5, 9, 10, 11, and 16 recite acronyms which are not well known in the art. Claims 5, 9 and 11 have been amended to clarify the meaning of the acronyms. Withdrawal of the rejection of claims 5, 9, 10, 11, and 16, under 35 U.S.C. 112, second paragraph, is respectfully requested.

Additionally, claims 15 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 15 has been canceled rendering moot any rejection thereto. Withdrawal of the rejection of claim 15 , under 35 U.S.C. 112, second paragraph, is respectfully requested.

Claims 1, 2 and 12 are rejected under 35 U.S.C. 103 (a) over U.S. Patent No. 6,487,566 to Sundaresan in view of U.S. Patent No. 5,617,528 to Stechmann et al. (hereinafter Stechman). The rejection is respectfully traversed.

Claim 1 has been amended to recite "[a] system for automatic generation of card-based presentation documents from multimedia data comprising: a presentation style transformer for receiving a card display schema and for processing said card display schema to describe meta rules about presentation resources and content variable definitions for a card-based presentation specification; and a card-based presentation generator connected to said presentation style

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transformer for receiving said card-based presentation specification and a card-based document content and for providing formatting object descriptions."

Sundaresan discloses a system for specifying transformation rules of XML language documents into other XML language documents. For example, an XML document having a date in one format (e.g., MM/DD/YY) may be transformed into an XML document having the date in a different format (e.g., DD/MM/YY). The transformation rules are written in the XML language.

Stechmann discloses a method and apparatus for creating photo identification cards. The method and apparatus for creating photo identification cards uses a predetermined card design that specifies positions on the card for layout frames of a video picture and cardholder information which are to be printed on the card. An input device allows user commands to be entered and for cardholder information to be entered. A video camera and display device are connected to the system. An image of the cardholder and an image of the card design are displayed.

The Office Action admits that Sundarsan does not disclose a "card-based presentation generator". Stechmann is relied upon for this deficiency. The Office Action asserts that it would have been obvious to combine Stechmann and Sundarsan "to provide a way to generate card designs as a template for the[ir] transformation into [a] language specification in order to increase the flexibility in the layout of card designs".

On page 4, line 2, of the Office Action, the Examiner identifies Stechmann's card designs as "card display schema". The "meta rules" are apparently identified as Sundarsan's transformation rules. However, Sundarsan involves transformation of XML documents, not

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documents in other formats. Stechmann's card designs are in encapsulated Postscript format (Stechmann, col. 13, lines 10-14). The cited references fail to disclose how the card designs in encapsulated Postscript format could be processed.

Furthermore, even if the card designs were written in XML, it is not clear how the rest of Stechmann's system would operate. Stechmann uses a database to store cardholder information, the card designs, and video images. The system retrieves selected information from the database responsive to user commands. Neither of the cited references describes card designs in XML format capable of being formatted with video images and cardholder information. The references also do not describe using an XML document for interactive formatting.

Accordingly, it is respectfully submitted that the cited references could not have been combined in the asserted manner to arrive at the claimed invention.

Claim 12 has been amended to recite a "method for automatic generation of card-based presentation documents from multimedia data comprising the steps of: generating presentation resource descriptions; translating declarative card layout style specifications into procedural card-based presentations; and generating a card based presentation." It is respectfully submitted that the features as claimed in claim 14 are likewise not disclosed by the cited references. For instance, the references do not disclose"translating declarative card layout style specifications into procedural card-based presentations; and generating a card based presentation." As discussed for claim 1, the references do not disclose a method for automatic generation of card-based presntation documents.

Because Stechmann and Sundarsan, either alone or in combination, fail to disclose or suggest the features recited in independent claims 1 and 12, these references would not have

anticipated or rendered obvious the subject matter of independent claims 1 and 12. Claim 2 has been canceled rendering moot any rejection thereto. Accordingly, withdrawal of the rejection of claims 1, 2, and 12 under 35 U.S.C. §103(a) is respectfully requested.

Claims 3, 5, and 13 are rejected under 35 U.S.C. 103 (a) over Sundaresan and Stechmann, and further in view of U.S. Patent No. 5,907,837 to Ferrel et al. (hereinafter Ferrel). The rejection is respectfully traversed.

Ferrel discloses an information retrieval system in an on-line network including separate content and layout of published titles. In particular, within a section of a title, a designer can layout pages with controls that define areas for content to be inserted into the pages. The system employs templates in various styles.

For at least the reasons outlined above, it is respectfully submitted that the combination of Sundaresan, Stechmann, and Ferrel, fails to disclose, teach or suggest the subject matter of claims 3 and 5. Accordingly, it is respectfully submitted that the combination of Sundaresan, Stechmann, and Ferrel fails to render obvious the subject matter of claims 3 and 5. Claim 13 has been canceled rendering moot any rejection thereto. Accordingly, withdrawal of the rejection of claims 3, 5 and 13 under 35 U.S.C. §103(a) is respectfully requested.

Claims 4, 14, and 15 are rejected under 35 U.S.C. 103 (a) over Sundaresan, Stechmann, and Ferrel, and further in view of U.S. Patent No. 6, 374, 271 to Shimizu et al. (hereinafter Shimizu). The rejection is respectfully traversed.

Shimizu discloses a hypermedia authoring system that enables an author to generate a document using a goals outline and a presentation outline. The goals outline is generated by instantiating document prototypes. A display of the goals outline permits the author to select a

prototype document from a directory of prototype documents and instantiate the selected

prototype document that corresponds to a node of the goals outline. The instantiated document

prototype is linked to cards in a card database.

For at least the reasons outlined above, it is respectfully submitted that the combination

of Sundaresan, Stechmann, Ferrel, and Shimizu fails to disclose, teach or suggest the subject

matter of claims 4 and 14. Accordingly, it is respectfully submitted that the combination of

Sundaresan, Stechmann, Ferrel, and Shimizu fails to render obvious the subject matter of claims

4 and 14. Claim 15 has been canceled rendering moot any rejection thereto. Accordingly,

withdrawal of the rejection of claims 4 , 14 and 15 under 35 U.S.C. §103(a) is respectfully

requested.

Claim 6 is rejected under 35 U.S.C. 103 (a) over Sundaresan, Stechmann, and further in

view of U.S. Patent No. 6, 026, 417 to Ross et al. (hereinafter Ross). The rejection is

respectfully traversed.

Claim 6 recites "[a] system for automatic generation of card-based presentation

documents from multimedia data comprising: presentation transformer means for receiving a card

layout style specification and a card display schema and for providing a card-based presentation

specification; and card-based presentation means connected to said presentation style transformer

means for receiving said card-based presentation specification and a card-based document

content and for providing formatting object descriptions."

Ross discloses a publisher program for automatically changing the layout of content-

filled desktop publishing documents. The publishing program allows the author of a document to

use a menu-driven utility to define a first layout for the document. The author can make changes

while the document is in the first document by adding content and making author-defined changes. The author may then create a second layout with the changes.

The Office Action admits that Sundarsan does not disclose a "card display schema". The Office Action asserts that it would have been obvious to combine Stechmann and Sundarsan to provide a way to display card designs as a template for the transformation into language specification. However, as discussed for claim 1, Stechmann relates to a system for transforming an XML document. It does not describe how to replace content using templates or card designs in Postcript format. Furthermore, Ross fails to make up for that which is lacking in Stechmann and Sundarsan. Accordingly, it is respectfully submitted that the combination of Sundaresan, Stechmann, and Ross fails to render obvious the subject matter of claim 6. Accordingly, withdrawal of the rejection of claim 6 under 35 U.S.C. §103(a) is respectfully requested.

Claims 7, 10, 11 and 16 are rejected under 35 U.S.C. 103 (a) over Sundaresan, Stechmann, and Ross, and further in view of Ferrel. The rejection is respectfully traversed.

As discussed above, Ferrel fails to overcome the deficiencies of Sundaresan and, Stechmann. Additionally, it is respectfully submitted that claims 7, 10, 11 and 16 are patentable over the cited art for at least the reasons provided for the claims upon which they depend. Accordingly, withdrawal of the rejection of claim 7, 10, 11 and 16 under 35 U.S.C. §103(a) is respectfully requested.

Claims 8 and 9 are rejected under 35 U.S.C. 103 (a) over Sundaresan, Stechmann, Ross, and Ferrel, and further in view of Shimisu. The rejection is respectfully traversed.

As discussed above, Shimisu fails to overcome the deficiencies of Sundaresan and, Stechmann. Additionally, it is respectfully submitted that claims 8 and 9 are patentable over the

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cited art for at least the reasons provided for the claims upon which they depend. Accordingly,

withdrawal of the rejection of claims 8 and 9 under 35 U.S.C. §103(a) is respectfully requested.

In view of the foregoing remarks, it is respectfully submitted that all the claims now

pending in the application are in condition for allowance. Early and favorable reconsideration is

respectfully requested.

Respectfully submitted,

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MARKED-UP VERSION OF CLAIMS:

1. (Amended) A system for automatic generation of card-based presentation documents from multimedia data comprising:

a presentation style transformer <u>for receiving a card display schema and for processing said card display schema to describe meta rules about presentation resources and content variable definitions for a card-based presentation specification</u>; and

a card-based presentation generator connected to said presentation style transformer <u>for receiving said card-based presentation specification and a card-based document content and for providing formatting object descriptions</u>.

5. (Amended) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 1 wherein said card based presentation generator comprises:

a presentation construct mapper;

a card-based [DSSSL] <u>Document Style Semantics and Specification Language (DSSSL)</u> processor connected to said presentation construct mapper; and

a[n FOD] <u>Formatting Object Descritptions (FOD)</u> converter connected to said card-based [DSSSL] <u>Document Style Semantic Language</u> processor.

9. (Amended) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 8 wherein said context tree captures content mapping rule context for making an efficient generation process of procedural rule mappings in [CPS]

Card-based Presentation Specification (CPS).

11. (Amended) A system for automatic generation of card-based presentation documents from multimedia data as claimed in claim 10 wherein said card-based document flow object tree comprises:

a specification of a sequence of [FODfo] FOD flow objects.

12. (Amended) A method for automatic generation of card-based presentation documents from multimedia data comprising the steps of:

[transforming a presentation style] generating presentation resource descriptions;

translating declarative card layout style specifications into procedural card-based presentations; and

generating a card based presentation.